

ACRYLIC BODY ROTAMETER

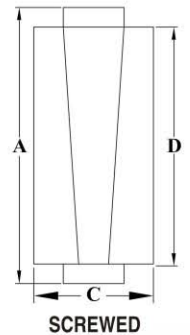
Acrylic tubes are also used in some rotameter designs due to their lower cost and high impact strength. They are typically constructed of acrylic, with either metal or plastic end fittings. With plastic end fittings, care must be taken in installation, not to distort the threads. Rotameters with all plastic construction are available for applications where metal wetted parts cannot be tolerated, such as with deionized water or corrosives fluids.

SPECIFICATIONS SERIES FL-C

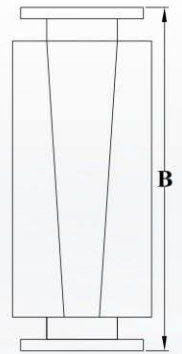
Meter Body	Acrylic
Float	SS 316, PTFE, PVC etc.
Wetted Parts	SS, PVC, P.P, PTFE etc.
O-Rings	Neoprene, PTFE Silicon etc.
Scale	Engraved on Body
Temp. Rating	60 °C
Connection	Flanged Or Threaded
Accuracy of	Model 10 & 20 ±3%
Full Scale	Model 30, 40, 50 & 60 ±2% Model 70, 80, 90, 100, 110 & 120 ±2%
Repeatability	0.5%
Rangeability	10:1
Higher Pressure rating on request	

MODEL FL-C MODEL & RANGES

Model	AIR LPM	WATER LPH	Pressure Rating Max.
FLC 10	0.1-1	0.4-5	3 Kg/Cm ²
	1-10	1-10	
	2-20	3-30	
	3-30	4-50	
	5-50	10-100	
FLC 20	15-150	20-250	7 Kg/Cm ²
FLC 30	50-500	50-500	
FLC 40	60-600	120-1200	
FLC 50	150-1500	240-2400	12 Kg/Cm ²
FLC 60	250-2500	600-6000	
FLC 70	300-3000	800-8000	18 Kg/Cm ²
FLC 80	800-8000	1500-15000	
FLC 90	NA	2000-20000	
FLC 100	NA	4000-40000	
FLC 110	NA	5000-50000	
FLC 120	NA	8000-80000	



SCREWED



FLANGED

FL-C

SPECIAL SIZES & RANGES ON REQUEST

Model FL-C	A	B	C	D	Connection BSP'F' Flange
10	190	.....	28	150	¼"
20	190	.....	32	150	¼" & ½"
30	240	.....	28	195	¼"
40	250	275	35	180	½"
50	250	275	42	180	¾"
60	300	325	55	230	1" & 1½"
70	400	450	60	320	1" & 1½"
80/90	400	450	70	320	1½" & 2"
100	.....	450	85	320	2" & 2½"
110	.....	450	100	320	2 ½" & 3"
120	.....	450	100	320	4" & 8"